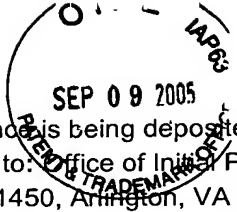
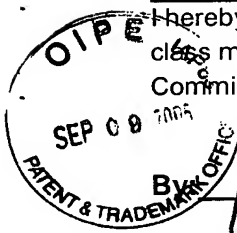


CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, in an envelope addressed to: Office of Initial Patent Examination, Customer Service Center, Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450 on September 1, 2005.



Ruth Montalvo

/ Ruth Montalvo Date: September 1, 2005

Customer No. 026418

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Docket No.: JG-SU-5207PCT US/500577.20063

Applicant(s): Daisuke WAKABAYASHI et al.

Serial No.: 10/521,035

Confirm. No.: 6571

Filed: August 2, 2005

Group: 1765

For: METHOD FOR MANUFACTURING SILICON SINGLE CRYSTAL

Office of Initial Patent Examination
Customer Service Center
Commissioner for Patents
P.O. Box 1450
Arlington, VA 22313-1450

REQUEST FOR CORRECTED FILING RECEIPT

Sir:

The filing receipt received in the above-identified application (copy attached) contains an error. The title should appear as stated on the English translation and declaration filed on August 2, 2005. The above-mentioned title is the title mentioned on the first page of Publication filed March 4, 2004. Enclosed are copies of the declaration and transmittal as filed.

Applicant requests a Corrected Filing Receipt, showing the title as follows:

METHOD FOR MANUFACTURING SILICON SINGLE CRYSTAL

Accordingly, it is respectfully requested that a Corrected Filing Receipt be issued showing the title as indicated above.

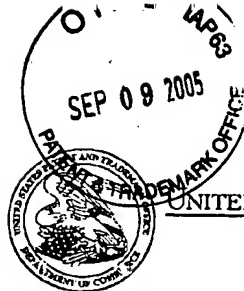
Respectfully submitted,

JEG:vh
September 1, 2005

Jules E. Goldberg
Jules E. Goldberg - Reg. No. 24,408
Reed Smith LLP
599 Lexington Avenue, 29th Floor
New York, NY 10022

Tel.No. (212) 251-5400
Enclosures:
Copies of marked-up filing receipt,
declaration and transmittal

IFW



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/521,035	08/02/2005	1765	1390	JG-SU-5207PCT/US 500577.2	15	6	3

CONFIRMATION NO. 6571

FILING RECEIPT



OC000000016772638

26418
 REED SMITH, LLP
 ATTN: PATENT RECORDS DEPARTMENT
 599 LEXINGTON AVENUE, 29TH FLOOR
 NEW YORK, NY 10022-7650

Date Mailed: 08/16/2005

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

Applicant(s)

Daisuke Wakabayashi, Tokyo, JAPAN;
 Masao Saito, Tokyo, JAPAN;
 Satoshi Sato, Tokyo, JAPAN;
 Jun Furukawa, Tokyo, JAPAN;
 Kounosuke Kitamura, Tokyo, JAPAN;

Power of Attorney: The patent practitioners associated with Customer Number 26418.

Domestic Priority data as claimed by applicant

This application is a 371 of PCT/JP03/08577 07/07/2003

Foreign Applications

JAPAN 2002-197140 07/05/2002

Projected Publication Date: 11/24/2005

Non-Publication Request: No

Early Publication Request: No

10/521,035

Title

Method of producing silicon monocrystal

Preliminary Class

117

Method for Manufacturing Silicon Single Crystal

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at <http://www.uspto.gov/web/offices/pac/doc/general/index.html>.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

LICENSE FOR FOREIGN FILING UNDER Title 35, United States Code, Section 184 Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof

unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Office of Export Administration, Department of Commerce (15 CFR 370.10 (j)); the Office of Foreign Assets Control, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SEP 09 2005

Customer No.	026418	
Attorney's Docket	JG-SU/5207PCT/US 500577.20063	
U.S. Application No.:		
International Application No.:	PCT/JP03/08577	
International Filing Date:	JULY 7, 2003	07 JULY 2003
Priority Date Claimed:	JULY 05, 2002	05 JULY 2002
Title of Invention:	METHOD FOR MANUFACTURING SILICON SINGLE CRYSTAL	
Applicant(s) for (DO/EO/US):	Daisuke WAKABAYASHI, Masao SAITO, Satoshi, SATO, Jun FURUKAWA	

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

- ☒ 1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
☐ 2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
☐ 3. This express request to begin national examination procedures [35 U.S.C. 371 (f)]. The submission must include items (5), (6), (9), and (21) indicated below.
☐ 4. The US has been elected (Article 31).
☒ 5. A copy of **Publication No. WO2004/018742 A1** the International Application as filed [35 U.S.C. 371(c)(2)]
 a) ☒ attached hereto (required only if not communicated by the International Bureau).
 b) ☐ has been communicated by the international Bureau.
 c) ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
☒ 6. An English language translation of the **Publication No. WO2004/018742 A1** International Application as filed [35 U.S.C. 371(c)(2)]
 a) ☒ is attached hereto
 b) ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
☐ 7. Amendments to the claims of the International Application under PCT Article 19 [35 U.S.C. 371(c)(3)]
 a) ☐ are attached hereto (required only if not communicated by the International Bureau).
 b) ☐ have been communicated by the international Bureau.
 c) ☐ have not been made; however, the time limit for making such amendments has **NOT** expired.
 d) ☐ have not been made and will not be made
☐ 8. An English language translation of the amendments to the claims under PCT Article 19 [35 U.S.C. 371(c)(3)]
☐ 9. An EXECUTED Oath or declaration of the inventor(s) [35 U.S.C. 371(c)(4)] **TO FOLLOW LATER**
☐ 10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 [35 U.S.C. 371(c)(5)]

Items 11. to 20. Below concern other document(s) or information included:

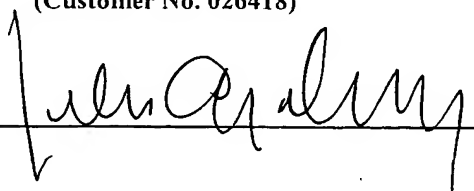
- ☐ 11. An Information Disclosure Statement under 37 C.F.R. 1.97 and 1.98
☐ 12. An Assignment document for recording. A separate cover sheet (PTO-1595) in compliance with 37 CFR 3.28 and 3.31 is included.
☐ 13. A preliminary amendment
☐ 14. An Application Data Sheet under 37 CFR 1.76
☐ 15. A substitute specification with abstract (attached to the preliminary amendment)
☐ 16. A change of power of attorney and/or address letter
☐ 17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 V+CFR1.821-1.825.
☐ 18. A second copy of the published International Application under 35 U.S.C. 154 (d)(4).
☐ 19. A second copy of the English language translation of the International Application under 35 U.S.C. 154 (d)(4).
☒ 20. (other items or information)
 Original Japanese PCT Request form PCT/IB/301, PCT/IB/304 and PCT/IB/308,

EXPRESS MAIL No.: EV 398 730 574 US

Deposited: January 5, 2005

I hereby certify that this correspondence is being deposited with the United States Postal Service Express mail under 37 CFR 1.10 on the date indicated above and is addressed to: Mail Stop PCT, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313 1450


/Ruth Montalvo Date: January 5, 2005

[X] 21. The following fees are submitted:					Applicant use	Office use only
[X] a)	BASIC NATIONAL FEE			\$ 300.00	\$ 300.00	
[X] b)	Examination fee			\$ 200.00	\$ 200.00	
[X] c)	Search fee			\$ 500.00	\$ 500.00	
TOTAL OF ABOVE CALCULATIONS:					\$ 1,000.00	
<div style="border: 1px solid black; padding: 5px;"> <input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250.00 for each additional 50 sheets of paper or fraction thereof. </div>						
Total sheets	Extra sheets	Number of each additional 50 or fraction thereof (round up to a whole number.)	Rate			
78 - 100 =	0 /50 =		X \$250.00	\$		
Surcharge of \$ 130.00 for furnishing the oath or declaration later than 30 month from the earliest claimed priority date (37 CFR 1.492(e))					\$	
Claims	Number Filed		Number Extra	Rate		
Total Claims:	6	- 20		X \$ 50.00	\$	
Independent Claims:	3	- 3		X \$ 200.00	\$	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)				+ \$ 360.00	\$ 360.00	
TOTAL OF ABOVE CALCULATIONS:					\$ 1,360.00	
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date [37 CFR 1.492(e)]					\$	
TOTAL OF ABOVE CALCULATIONS:					\$ 1,360.00	
<input type="checkbox"/> Applicant claims Small Entity Status [See 37 CFR 1.27] Reduction by 1/2 for filing by small entity					\$	
SUBTOTAL:					\$ 1,360.00	
Processing fee of \$130.00 for furnishing the English Translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date [37 CFR 1.492(f)]					+	
TOTAL NATIONAL FEE:					\$1,360.00	
Fee for recording the enclosed assignment [37 CFR 1.21(h)] The assignment must be accompanied by an appropriate cover sheet (PTO-1595) [37 CFR 3.28, 3.31]. \$ 40.00 per property					\$	
TOTAL FEE(S):					\$1,360.00	
AMOUNT TO BE REFUNDED						\$
AMOUNT TO BE CHARGED						\$
(Please note the filing fee is based on the claims in the Preliminary Amendment)						
a) [X]	Check in the amount of \$ 1,000.00 to cover the above fees is enclosed.					
b) [X]	Please charge my Deposit Account No 50-1529 in the amount of \$360.00 to cover the fee..					
c) [X]	The Commissioner is hereby authorized to charge any additional fees required with this submission or to credit any overpayment to Deposit Account No: 50-1529.)					
d) []	Fee are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 36 CFR 1.494 or 1.495 has not been met, a petition to revive [37 CFR 1.137(a) or (b)] must be filed and granted to restore the application to pending status.						
SEND ALL CORRESPONDENCE TO: Jules E. Goldberg, Esq. Reed Smith LLP 599 Lexington Avenue New York, NY 10022-7650 <div style="text-align: right; margin-top: 10px;">(Customer No. 026418)</div>						
Jules E. Goldberg Name			 24,408		January 5, 2005 Reg. No. 24,408 Date 1/5/04 (Tel. (212) 521-5400)	



JG-SU-5207US/50577.20063

Page 1

DECLARATION FOR PATENT APPLICATION

As a below named inventor(s), I (we) hereby declare that:

My (our) residence(s), post office address(es) and citizenship(s) is (are) the same as stated below next to my (our) name(s).

I (we) believe I am (we are) an original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD FOR MANUFACTURING SILICON SINGLE CRYSTAL

the specification of which is attached hereto unless the following box is checked:

☒ was filed on _____ as United States Application Number 10/521,035 or
PCT International Application Number PCT/JP03/08577
and was amended on _____ (if applicable).

I (we) hereby state that I (we) have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I (we) acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56.

I (we) hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s):			Priority Claimed:	
(Number)	(Country)	(Day/Month/Year)	YES	NO
2002-197140	Japan	05/07/2002	X	

I (we) hereby claim the benefit under Title 35, United States Code, §119(e) of any United States provisional application(s) listed below:

(Application Number)

(Filing Date)

I (we) hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I (we) acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulation, §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application.

(Application Serial No.)	(Filing date)	(STATUS-patented, pending, abandoned)

DECLARATION FOR PATENT APPLICATION

I (we) hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and to act in accordance with the instructions from Suda Patent Office:

Lloyd McAulay,	Reg. No. 20,423;	J. Harold Nissen,	Reg. No. 17,283;
Jules E. Goldberg,	Reg. No. 24,408;	Gerald H. Kiel,	Reg. No. 25,116;
Eugene LeDonne,	Reg. No. 35,930;	Stephen M. Chin,	Reg. No. 39,938;
Arthur Dresner,	Reg. No. 36,612;	Samir R. Patel,	Reg. No. 44,998

all of Reed Smith LLP, 599 LEXINGTON AVENUE, NEW YORK, N.Y 10022 U.S.A.

Address all telephone calls to: Jules E. Goldberg, Esq. at Telephone No. (212) 521-5400

Address all correspondence to: Jules E. Goldberg, Esq.
Customer No.: 026418 Reed Smith LLP
599 LEXINGTON AVENUE, NEW YORK, N.Y 10022 U.S.A.

I (we) hereby declare that all statements made herein of my (our) own knowledge are true, and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or 1st inventor (given name, family name):		Daisuke Wakabayashi	
Residence:	Tokyo, Japan	Citizenship:	Japanese
Post Office Address:	c/o Sumitomo Mitsubishi Silicon Corporation, 2-1, Shibaura 1-chome, Minato-ku, Tokyo Japan		

Inventor's signature: Daisuke Wakabayashi Date: December 20, 2004

Full name of 2nd inventor (given name, family name):		Masao Saito	
Residence:	Tokyo, Japan	Citizenship:	Japanese
Post Office Address:	c/o Sumitomo Mitsubishi Silicon Corporation, 2-1, Shibaura 1-chome, Minato-ku, Tokyo Japan		

Inventor's signature: Masao Saito Date: Dec. 20, 2004

Full name of 3rd inventor (given name, family name):		Satoshi Sato	
Residence:	Tokyo, Japan	Citizenship:	Japanese
Post Office Address:	c/o Sumitomo Mitsubishi Silicon Corporation, 2-1, Shibaura 1-chome, Minato-ku, Tokyo Japan		

Inventor's signature: Satoshi Sato Date: Dec. 20, 2004

DECLARATION FOR PATENT APPLICATION

Full name of 4th inventor (given name, family name):		Jun Furukawa	
Residence:	Tokyo, Japan	Citizenship:	Japanese
Post Office Address:	c/o Sumitomo Mitsubishi Silicon Corporation, 2-1, Shibaura 1-chome, Minato-ku, Tokyo Japan		
Inventor's signature: <u>Jun Furukawa</u> Date: <u>December 21, 2004</u>			
Full name of 5th inventor (given name, family name):		Kounosuke Kitamura	
Residence:	Tokyo, Japan	Citizenship:	Japanese
Post Office Address:	c/o Sumitomo Mitsubishi Silicon Corporation, 2-1, Shibaura 1-chome, Minato-ku, Tokyo Japan		
Inventor's signature: <u>Kounosuke Kitamura</u> Date: <u>December 23, 2004</u>			
Full name of 6th inventor (given name, family name):			
Residence:		Citizenship:	
Post Office Address:			
Inventor's signature: _____ Date: _____			
Full name of 7th inventor (given name, family name):			
Residence:		Citizenship:	
Post Office Address:			
Inventor's signature: _____ Date: _____			
Full name of 8th inventor (given name, family name):			
Residence:		Citizenship:	
Post Office Address:			
Inventor's signature: _____ Date: _____			